L Number	Ĥits	Search Text	DB	Time stamp
1	4	5591963.pn.	USPAT;	2002/01/19 13:53
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	1
			IBM TDB	2002/01/10 16:17
2	3548	• • • • • • • • • • • • • • • • • • • •	USPAT;	2002/01/19 16:17
1 : :	•	or (("257/431").CCLS.) or	US-PGPUB; EPO; JPO;	•
		(("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.) or	DERWENT;	1
		(("257/449").CCLS.) or	IBM TDB	İ
		(("250/370.01").CCLS.)	1 10 100	
3	0	((("257/414").CCLS.) or	USPAT;	2002/01/19 15:36
		(("257/428").CCLS.) or (("257/431").CCLS.)	US-PGPUB;	
		or (("257/434").CCLS.) or	EPO; JPO;	
		(("257/444").CCLS.) or (("257/448").CCLS.)	DERWENT;	1
		or (("257/449").CCLS.) or	IBM TDB	
		(("250/370.01").CCLS.)) and (phosphor same	1	
		wavelength adj conversion) and	1	:
		photoelectric adj conver\$3.ti,ab.		
, 4	5	((("257/414").CCLS.) or	USPAT;	2002/01/19 15:38
		(("257/428").CCLS.) or (("257/431").CCLS.)	US-PGPUB;	
4		or (("257/434").CCLS.) or	EPO; JPO; DERWENT;	
		(("257/444").CCLS.) or (("257/448").CCLS.) or (("257/449").CCLS.) or	IBM TDB	
		("250/370.01").CCLS.)) and phosphor and	I DIT I DB	
!		photoelectric adj conver\$3.ti,ab.		
15	45	(photoelectric adj converts.c1, ab.   (photoelectric adj2 element or photodiode)	USPAT;	2002/01/19 15:41
	15	same wavelength adj conversion	US-PGPUB;	
1 1		,	EPO; JPO;	1
1 . 1			DERWENT;	
			IBM TDB	
6	0	((("257/414").CCLS.) or	USPAT;	2002/01/19 15:42
		(("257/428").CCLS.) or (("257/431").CCLS.)	US-PGPUB;	
		or (("257/434").CCLS.) or	EPO; JPO;	
		(("257/444").CCLS.) or (("257/448").CCLS.)	DERWENT;	
		or (("257/449").CCLS.) or	IBM TDB	
		(("250/370.01").CCLS.)) and (photoelectric		
		adj2 element or photodiode) same wavelength adj conversion		
1,	59	(phosphorous or phosphor) same wavelength	USPAT;	2002/01/19 15:43
,		adj conversion	US-PGPUB;	2002,01,13 10.10
!		, adj conversion	EPO; JPO;	1
;			DERWENT;	
i i			IBM TDB	
8	10	(phosphorous or phosphor) same wavelength	USPAT;	2002/01/19 15:43
		adj conversion same (photodiode or	US-PGPUB;	
		photoelectric)	EPO; JPO;	
			DERWENT;	
	_		IBM TDB	2002/01/10 15:42
9	1	(phosphorous or phosphor) same wavelength	USPAT;	2002/01/19 15:43
1		adj conversion same (photodiode or	US-PGPUB; EPO; JPO;	1
1		photoelectric).ti,ab.	DERWENT;	
			IBM TDB	
10	530	("250/370.09").CCLS.	USPAT;	2002/01/19 16:18
1 -0	550	( 200,0.000 , .0000.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
11	0	("L10 and idling adj mode").PN.	USPAT;	2002/01/19 16:18
			US-PGPUB;	
1		l e e e e e e e e e e e e e e e e e e e	EPO; JPO;	1
			DERWENT;	
			IBM TDB	2002/01/10 16 12
12	0	(("250/370.09").CCLS.) and idling adj mode		2002/01/19 16:19
i		1	US-PGPUB;	
1		ı	EPO; JPO; DERWENT;	
1			IBM TDB	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>

13	34	•	USPAT;	2002/01/19 16:19
1		and carrier	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
14	1.4	(("250/370.09").CCLS.) and photoelectric	USPAT;	2002/01/19 16:20
14	1.4	and carrier and (potential same electrode)	US-PGPUB;	2002, 12, 21
		and carrier and apprenieral bame eroserous,	EPO; JPO;	1
			DERWENT;	
		1 	IBM TDB	
1 15	10		USPAT;	2002/01/19 16:20
1	1	and carrier and (potential same electrode)	US-PGPUB;	
		and switch\$3	EPO; JPO;	
1		ļ	DERWENT;	
i	i o	("photoelectric adj convert\$3.clm.").PN.	IBM TDB USPAT;	2002/01/18 11:46
_	1	photoelectric adj convertas.cim. ).rw.	US-PGPUB;	2002/01/10 11.10
1	1		EPO; JPO;	
	1	I	DERWENT;	·
			IBM TDB	
-	1198	photoelectric adj convert\$3.clm.	USPAT;	2002/01/17 08:51
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	2002/01/17 00:42
-	29	1 1	USPAT; US-PGPUB;	2002/01/17 09:42
		electrode adj layer.clm.	EPO; JPO;	
1			DERWENT;	
		•	IBM TDB	:
1 _	1 6	((photoelectric adj convert\$3.clm.) and	USPAT;	2002/01/17 09:57
i		electrode adj layer.clm.) and	US-PGPUB;	
Ì		switching.clm.	EPO; JPO;	
1	1		DERWENT;	
			IBM TDB	
-	14	1 ' '	USPAT	2002/01/17 10:40
		or ("5914485") or ("5841180") or		
		("5812284") or ("5812109") or ("5335094") or ("5317406") or ("5233442") or		
		("5272548") or ("5060040") or ("4926058")		
1	1	or ("4745488")).PN.		
	41	(("4341954") or ("6191411") or ("6127684")	USPAT;	2002/01/17 13:39
ļ		or ("6034406") or ("5914485") or	US-PGPUB;	
		("5841180") or ("5812284") or ("5812109")	EPO; JPO;	
	1	or ("5335094") or ("5317406") or	DERWENT;	
		("5272548") or ("5233442") or ("5060040")	IBM TDB	
		or ("4926058") or ("4745488")).PN.	110224	2002/01/17 14:07
-	5		USPAT;	2002/01/17 14:07
		("6127684") or ("6034406") or ("5914485") or ("5841180") or ("5812284") or	US-PGPUB; EPO; JPO;	
		("5812109") or ("5335094") or ("5317406")	DERWENT;	
1		or ("5272548") or ("5233442") or	IBM TDB	
		("5060040") or ("4926058") or		İ
1	ı	("4745488")).PN.) and 257/\$6.ccls.		
! -	. 0	("photoelectric.ti. and system.ti. and	USPAT;	2002/01/17 14:10
		converter.ti,ab.").PN.	US-PGPUB;	
İ	ĺ		EPO; JPO;	
			DERWENT;	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IBM TDB	2002/01/17 14:11
<u> </u>	310	photoelectric.ti. and system.ti. and	USPAT; US-PGPUB;	2002/01/17 14:11
		converter.ti,ab.	EPO; JPO;	1
			DERWENT;	
			, IBM TDB	
-	4	photoelectric.ti. and system.ti. and	USPAT;	2002/01/17 14:17
	1	converter.ti,ab. and switching and	US-PGPUB;	
		injection adj blocking	EPO; JPO;	
			DERWENT;	
1			IBM TDB	

	357	("257/414").CCLS.	USPAT; US-PGPUB;	2002/01/17 14:18
1	I I		EPO; JPO; DERWENT;	,
			IBM TDB	
' -	259	("257/428").CCLS.	USPAT;	2002/01/17 14:18
	! .	i	US-PGPUB;	
4	1		EPO; JPO;	
1	! !		DERWENT; IBM TDB	
_	1052	("257/431").CCLS.	USPAT;	2002/01/17 14:18
	1002	( 20., 101 , 10020.	US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	
	477	("257/434").CCLS.	IBM TDB USPAT;	2002/01/17 14:18
1 -	4 4 1	( 237/434 ).Cdb3.	US-PGPUB;	2002,01,1, 11120
			EPO; JPO;	
1			DERWENT;	
ı		l	IBM TDB	1 0000 /01 /17 14 . 10
-	169	("257/444").CCLS.	USPAT; US-PGPUB;	2002/01/17 14:18
i	į	I	EPO; JPO;	
1			DERWENT;	
			IBM TDB	
-	660	("257/448").CCLS.	USPAT;	2002/01/17 14:18
1			US-PGPUB;	
1	]		EPO; JPO; DERWENT;	
1	1 1		IBM TDB	
_	193	("257/449").CCLS.	USPAT;	2002/01/17 14:19
İ			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_	552	("250/370.01").CCLS.	USPAT;	2002/01/17 14:21
	332	( 250/5/0101 / 150251	US-PGPUB;	
			EPO; JPO;	
1	į i		DERWENT;	!
		("L11 or L12 or L13 or L14 or L15 or L16	IBM TDB   USPAT;	2002/01/17 14:21
	O	or L17 or L18").PN.	US-PGPUB;	2002,01,1, 121
1	1 :	,	EPO; JPO;	
		, the state of the	DERWENT;	
1	107	(	IBM TDB	2002/01/17 14:23
1-	42/	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.)	USEAL, UPU	2002/01/1/ 14.23
		or (("257/434").CCLS.) or		
		(("257/444").CCLS.) or (("257/448").CCLS.)		
		or (("257/449").CCLS.) or		
1	ı	(("250/370.01").CCLS.)) and	1	
-	13	photoelectric.ti,ab.   (((("257/414").CCLS.) or	USPAT; JPO	2002/01/17 14:23
		(("257/428").CCLS.) or (("257/431").CCLS.)		
		or (("257/434").CCLS.) or	-4	
		(("257/444").CCLS.) or (("257/448").CCLS.)		
		or (("257/449").CCLS.) or (("250/370.01").CCLS.)) and		
		photoelectric.ti,ab.) and blocking adj2		
		layer		
1 -	5	((insulating or insulator) near10	USPAT;	2002/01/17 14:32
1	1	blocking) near10 layer and ((("4341954")	US-PGPUB;	
		or ("6191411") or ("6127684") or . ("6034406") or ("5914485") or ("5841180")	EPO; JPO; DERWENT;	
ī	•	or ("5812284") or ("5812109") or	IBM TDB	<u> </u>
1	1	("5335094") or ("5317406") or ("5272548")	İ	
1	,	or ("5233442") or ("5060040") or		
İ	1	("4926058") or ("4745488") or ("6245601") or ("6075256") or ("5767560") or		
		("5352921") or ("5101255") or		
	1	("4811069")).PN.)		

	-	44	(("4341954") or ("6191411") or ("6127684")	USPAT;	2002/01/17 14:43
			or ("6034406") or ("5914485") or ("5841180") or ("5812284") or ("5812109")	JPO; DERWENT;	1
1	!		or ("5335094") or ("5317406") or	IBM TDB	
1	,	,	("5272548") or ("5233442") or ("5060040")		
			or ("4926058") or ("4745488") or	·	
			("6245601") or ("6075256") or ("5767560")		!
			or ("5352921") or ("5101255") or		
ļ			("4811069")).PN.   (((("257/414").CCLS.) or	חסד. ידעספון	2002/01/17 15:58
1	-	) 	((("257/428").CCLS.) or (("257/431").CCLS.)	051711, 010	2002/01/1/ 10:00
1			or (("257/434").CCLS.) or		
-			(("257/444").CCLS.) or (("257/448").CCLS.)		
1			or (("257/449").CCLS.) or		
-			(("250/370.01").CCLS.)) and photoelectric.ti,ab.) and lamin\$5		
		79	schottky adj barrier and photoelectric adj	USPAT: JPO	2002/01/17 16:00
1	٠ .		conver\$4.ti,ab.		
	-	11	schottky adj barrier and photoelectric adj	USPAT; JPO	2002/01/17 16:17
			conver\$4.ti,ab. and blocking		0000/02/27 25 05
	-	1	switching and (idling or recess\$2) and	USPAT; JPO	2002/01/17 16:20
			refresh\$3 and (photoelectric or photo-electric) adj2 conver\$3		
	_	613	l =	USPAT; JPO	2002/01/17 16:21
			conver\$3.ti,ab.		
	-	99		USPAT; JPO	2002/01/17 16:24
1			conver\$3.ti,ab. and (250/\$6.ccls. or 257/\$6.ccls.)		
1	_	50	switch\$3 and photoelectric adj2	USPAT: JPO	2002/01/17 16:29
1		!	conver\$3.ti,ab. and (refresh\$3 or reset\$4	1 002, 010	1 2002, 01, 1, 10,25
			or id1\$3 or stop\$4) and (250/\$6.ccls. or		
			257/\$6.ccls.)		
	-		photoelectric adj2 conver\$3.ti,ab. and	USPAT; JPO	2002/01/17 16:30
:			((refresh\$3 or reset\$4 or idl\$3 or stop\$4) same switch\$3) and (250/\$6.ccls. or		
			257/\$6.ccls.)		
-	_	3	photoelectric adj2 conver\$3.ti,ab. and	USPAT; JPO	2002/01/17 16:37
			((refresh\$3 or reset\$4) same switch\$3 same		
			(stop\$4 or id1\$3)) and (250/\$6.ccls. or		
1		1	257/\$6.ccls.) photoelectric adj2 conver\$3.ti,ab. and	USPAT: JPO	2002/01/17 16:49
		_	((refresh\$3 or reset\$4) near15 switch\$3		
			near15 (stop\$4 or idl\$3)) and		
			(250/\$6.ccls. or 257/\$6.ccls.)		0000/01/13 13 01
-	-	5	photoelectric adj2 conver\$3.ti,ab. and ((refresh\$3 or reset\$4) near15 switch\$3	USPAT; US-PGPUB;	2002/01/17 17:21
			near15 (stop\$4 or idl\$3))	EPO; JPO;	
				DERWENT;	
				IBM TDB	
	-	2	jp-06233197\$-\$.did.	USPAT;	2002/01/17 17:22
		i 1	! 	US-PGPUB; EPO; JPO;	
i				DERWENT;	,
				IBM TDB	
-	-	5	((("257/414").CCLS.) or	USPAT; JPO	2002/01/17 17:51
1		i -	(("257/428").CCLS.) or (("257/431").CCLS.)		
- 1			or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.)		
-		1	or (("257/444").CCLS.) or (("257/446").CCLS.)		
İ			(("250/370.01").CCLS.)) and (reverse		
			near10 voltage) and photoelectric adj2		
i		1	converter	l Lichama IDO	· { 2002/01/17 17.51 ;
l		i o	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.)	USPAT; JPO	2002/01/17 17:51
ĺ			or (("257/434").CCLS.) or		
			(("257/444").CCLS.) or (("257/448").CCLS.)	-	
			or (("257/449").CCLS.) or		
			(("250/370.01").CCLS.)) and ((reverse		
-			near12 voltage) near12 switch\$3) and photoelectric adj2 converter		
- 1		I	buornerective and converger	I	

i –	7	0	((("257/414").CCLS.) or	USPAT; JPO	2002/01/17 17:52
:	i	i	(("257/428").CCLS.) or (("257/431").CCLS.)		
			or (("257/434").CCLS.) or (("257/444").CCLS.)		į
ł			or (("257/449").CCLS.) or	ļ	· ·
1	. 1	ı	(("250/370.01").CCLS.)) and ((reverse	:	
	!	i	near15 voltage) near15 switch\$3) and	'	•
į	;	a.	photoelectric adj2 converter		0000 (01 (17 17 17 52
-		0	((("257/414").CCLS.) or	USPAT; JPO	2002/01/17 17:53
			(("257/428").CCLS.) or (("257/431").CCLS.) or (("257/434").CCLS.) or		
			(("257/444").CCLS.) or (("257/448").CCLS.)		
	1		or (("257/449").CCLS.) or		
			(("250/370.01").CCLS.)) and ((reverse		
-			near15 (polarity or voltage)) near15		
•	f		<pre>switch\$3) and photoelectric adj2 converter ((("257/414").CCLS.) or</pre>	I COLT. TEGELLI	2002/01/17 17:53
1 -	1	0 1	(("257/428").CCLS.) or (("257/431").CCLS.)	0011117 010	2002,02,27
			or (("257/434").CCLS.) or		İ
1	i	<b>i</b>	(("257/444").CCLS.) or (("257/448").CCLS.)		
		,	or (("257/449").CCLS.) or		
i	į	 	(("250/370.01").CCLS.)) and ((reverse		
			near15 (polarity or voltage or bias)) near15 switch\$3) and photoelectric adj2		
			converter		
-		23	plurality adj2 photoelectric adj	USPAT;	2002/01/18 11:52
			conver\$3.clm.	US-PGPUB;	
1				EPO; JPO;	1
				DERWENT; IBM TDB	
_		2	plurality adj2 photoelectric adj	USPAT;	2002/01/18 11:54
		-	conver\$3.clm. and switch\$3.clm.	ÜS-PGPUB;	
				EPO; JPO;	
				DERWENT;	
				IBM TDB	2002/01/18 11:54
j -		2	<pre>plurality adj2 photoelectric adj conver\$3.clm. and switch\$3.clm. and</pre>	USPAT; US-PGPUB;	2002/01/16 11.54
			switch\$3 and conver\$3	EPO; JPO;	
1				DERWENT;	
1	į	j l		IBM TDB	
		3419	(("257/414").CCLS.) or (("257/428").CCLS.)	'USPAT; JPO	2002/01/18 13:30
1			or (("257/431").CCLS.) or (("257/434").CCLS.) or (("257/444").CCLS.)		
:			or (("257/448").CCLS.) or		
!			(("257/449").CCLS.) or		
1			(("250/370.01").CCLS.)		0000/05/50 55
, -	i	0	((("257/414").CCLS.) or	USPAT; JPO	2002/01/18 13:34
			(("257/428").CCLS.) or (("257/431").CCLS.)		
			or (("257/434").CCLS.) or (("257/444").CCLS.) or (("257/448").CCLS.)		
			or (("257/449").CCLS.) or		
			(("250/370.01").CCLS.)) and plurality adj2		
1			photoelectric adj2 conver\$3 and switch\$3		
			and (matrix or matrices)	USPAT; JPO	2002/01/18 13:35
-		0	((("257/414").CCLS.) or (("257/428").CCLS.) or (("257/431").CCLS.)	USFMI; UFO	2002/01/10 13.33
			or (("257/434").CCLS.) or		
			(("257/444").CCLS.) or (("257/448").CCLS.)		
i			or (("257/449").CCLS.) or		
			(("250/370.01").CCLS.)) and plurality adj2		
1			photoelectric adj2 conver\$3 and switch\$3 plurality adj2 photoelectric adj2 conver\$3	USPAT;	2002/01/18 14:23
-	j	21	and switch\$3	US-PGPUB;	2002/01/10 14.23
,	'		and onlicingo	EPO; JPO;	
4		1		DERWENT;	
1		l '		IBM TDB	0000/01/10 15 05
1 -	:	5	(plurality adj2 photoelectric adj2	USPAT;	2002/01/18 15:01
!			conver\$3 and switch\$3) and (common with electrode)	US-PGPUB; EPO; JPO;	
			erectrode/	DERWENT;	
				IBM TDB	

_	0 photoelectric adj converter.ti,ab. and	USPAT;	2002/01/18 15:04
		US-PGPUB;	
	(acquisition or recorder or recording) and	EPO; JPO;	
	signal adj display	DERWENT;	<b>i</b>
		IBM TDB	1
_	0 (photodiode or photoelectric adj	USPAT;	2002/01/18 15:05
	converter).ti,ab. and signal adj process\$3	US-PGPUB;	
	and signal adj (acquisition or recorder or		i
	recording) and signal adj display	DERWENT;	•
		IBM TDB	
_	177   (photodiode or photoelectric adj	USPAT;	2002/01/18 15:06
	converter).ti,ab. and signal and process\$3	US-PGPUB;	
	and (acquisition or recorder or recording)		
	and display	DERWENT;	
		IBM TDB	1
_	25 (photodiode or photoelectric adj	USPAT;	2002/01/18 15:08
•	converter).ti,ab. and (signal same	US-PGPUB;	i
	(processing or processor) same	EPO; JPO;	
	(acquisition or recorder or recording)	DERWENT;	
	same display)	IBM TDB	
_	7 (photodiode or photoelectric adj	USPAT;	2002/01/18 17:40
	converter).ti,ab. and (signal with	US-PGPUB;	
	(processing or processor) with	EPO; JPO;	
	(acquisition or recorder or recording)	DERWENT;	
	with display)	IBM TDB	
_	1 6277665.pn.	USPAT;	2002/01/18 17:55
	1	US-PGPUB;	
		EPO; JPO;	1
		DERWENT;	1
		IBM TDB	4